

Amendments to the Claims:

1. (Currently amended) An isolated nucleic acid molecule selected from the group consisting of:

a) a nucleic acid molecule comprising the sequence set forth in SEQ ID NO:7 or a full length complement thereof;

b) a nucleic acid molecule that encodes a polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 8; and,

c) a nucleic acid molecule comprising a nucleotide sequence that encodes a polypeptide that confers Blast resistance to a plant, said sequence having at least 95% sequence identity to the sequence set forth in SEQ ID NO:7;

~~d) — a nucleic acid molecule that encodes a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:8, wherein the fragment retains the ability to confer Blast resistance to a plant and comprises at least 40 contiguous amino acids of SEQ ID NO: 8; and~~

~~— e) — a nucleic acid molecule that encodes a polypeptide that confers Blast resistance to a plant, wherein the nucleic acid molecule hybridizes to a full length complement of a sequence of a) or b) under stringent conditions, said stringent conditions comprise hybridization in 50% formamide, 1 M NaCl, 1% SDS at 37°C, and a wash in 0.1 X SSC at 60°C to 65°C.~~

2. (Previously presented) A DNA construct comprising the nucleic acid molecule of claim 1 operably linked to a promoter that drives expression in a plant cell.

3. (Original) A vector comprising the DNA construct of claim 2.

4. (Original) A plant cell having stably incorporated in its genome the DNA construct of claim 2.

5. (Original) A plant having stably incorporated in its genome the DNA construct of claim 2.

6. (Currently amended) A method for creating or enhancing Blast resistance in a plant, said method comprising transforming said plant with a nucleic acid molecule and expressing said nucleic acid molecule in the plant, wherein said nucleic acid molecule is selected from the group consisting of:

a) a nucleic acid molecule comprising the sequence set forth in SEQ ID NO:7;

b) a nucleic acid molecule that encodes a polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 8; and,

c) a nucleic acid molecule comprising a nucleotide sequence that encodes a polypeptide that confers Blast resistance to in the plant, said sequence having at least 95% sequence identity to the sequence set forth in SEQ ID NO: 7; _____

~~_____ d) _____ a nucleic acid molecule that encodes a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:8, wherein the fragment retains the ability to confer Blast resistance to in the plant and comprises at least 40 contiguous amino acids of SEQ ID NO:8; and~~

~~_____ e) _____ a nucleic acid molecule that encodes a polypeptide that confers Blast resistance to a plant, wherein the nucleic acid molecule hybridizes to a full length complement of the sequence of a) or b) under stringent conditions, said stringent conditions comprise hybridization in 50% formamide, 1 M NaCl, 1% SDS at 37°C, and a wash in 0.1 X SSC at 60°C to 65°C.~~

7. (Original) The method of claim 6, wherein said plant is a dicot.

8. (Original) The method of claim 6, wherein said plant is a monocot.

9. (Original) The method of claim 8, wherein said monocot is selected from the group consisting of maize, sorghum, barley, rice, and wheat.

10. (Previously presented) The method of claim 6, wherein said nucleic acid molecule is operably linked to a promoter.

11. (Previously presented) The method of claim 10, wherein said promoter is an inducible promoter or a constitutive promoter.

12. (Currently amended) A plant stably transformed with a DNA construct comprising a nucleic acid molecule operably linked to a promoter that drives expression of a coding sequence in a plant cell, wherein said nucleic acid molecule is selected from the group consisting of:

a) a nucleic acid molecule comprising the sequence set forth in SEQ ID NO:7 or a full length complement thereof;

b) a nucleic acid molecule that encodes a polypeptide comprising the amino acid sequence set forth in SEQ ID NO:8; and,

c) a nucleic acid molecule comprising a nucleotide sequence that encodes a polypeptide that confers Blast resistance to a plant, said sequence having at least 95% sequence identity to the sequence set forth in SEQ ID NO:7;

~~d) a nucleic acid molecule that encodes a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO: 8 wherein the fragment retains the ability to confer Blast resistance to a plant and comprises at least 40 contiguous amino acids of SEQ ID NO: 8; and~~

~~e) a nucleic acid molecule that encodes a polypeptide that confers Blast resistance to a plant, wherein the nucleic acid molecule hybridizes to a full length complement of a sequence of a) or b) under stringent conditions, said stringent conditions comprise hybridization in 50% formamide, 1 M NaCl, 1% SDS at 37°C, and a wash in 0.1XSSC at 60°C to 65°C.~~

13. (Original) The plant of claim 12, wherein said plant is a dicot.
14. (Original) The plant of claim 12, wherein said plant is a monocot.
15. (Original) The plant of claim 14, wherein said monocot is selected from the group consisting of maize, sorghum, barley, rice, and wheat.
16. (Original) The plant of claim 12, wherein said promoter is a constitutive promoter.
17. (Original) The plant of claim 12, wherein said promoter is an inducible promoter.
18. (Original) Transgenic seed of the plant of claim 12.
19. (Original) Transgenic seed of the plant of claim 13.
20. (Original) Transgenic seed of the plant of claim 14.
21. (Original) Transgenic seed of the plant of claim 15.